BOROUGH OF QUEENBOROUGH-IN-SHEPPEY

ANNUAL REPORT

of the

MEDICAL OFFICER of HEALTH

for the year

1970

J. T. MURPHY, M.B., B.Ch., D.P.H.

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1970

Mayor:
Alderman B. J.G. Bigg (died July 1970)
* Alderman R. G. Harris

Deputy Mayor:
* Alderman Miss E. M. Mills

Aldermen:

W. Baron
** J. G. Baxter
*A. H. R. Copland
*A. G. R. Danton
N. W. Ford
T. P. Holland
*R. D. Sharrock

Councillors:

Mrs. J. M. Blain	W. F. Keohane, J.P.	W. T. Lule
F. P. Brissenden	W. V. Leftley	C. J. Ryder
T. F. Brian	Mrs. V. I. Mussell	G. H. Smart
J. D. Connolly	R. H. Pitney	* A. W. Stone
*G. F. Day	J. M. Porter	G. D. Thomsett
Mrs. J. I. Driscoll	H. W. Quested	Mrs. E. W. E. Weekes
P. H. Dummott	F. W. Roalfe	*E. J. White
*P. G. Hobson	E. A. Rudd	P. Wilks

Town Clerk:
J. Griffiths, M.B.E., Solicitor (Retired August 1970)
D. A. Clarke

Medical Officer of Health:
J. T. Murphy, M.B., B.Ch., D.P.H.

Deputy Medical Officer of Health:
C. D. Rosenwald, M.B., Ch.B., D.P.H., (died December 1970)

Chief Public Health Inspector:
D. E. Jacob, M.A.P.H.I., A.M.R.S.H.

Deputy Chief Public Health Inspector:
T. E. Davies, M.A.P.H.I.

Additional Public Health Inspector:
R. A. Walker, M.R.S.H., M.A.P.H.I. (appointed October 1970)

**Chairman and *Members of the Health and Housing Committee.

Telephone: Sheerness 2395

Public Health Department,
Guildhall,
Queenborough.

To His Worship the Mayor, The Aldermen and Councillors
of the Queenborough-in-Sheppey Borough Council.

Mr. Mayor, Aldermen and Councillors,

You will know that Dr. J. T. Murphy retired at the end of April this year. Dr. Thorpe will commence duty at the beginning of October. It therefore falls to me to have the honour of presenting this report for the year 1970 on behalf of Dr. Murphy.

The Report itself requires no particular comments other than those expressed in the text.

The staff of this Department wish to record their appreciation of Dr. Murphy's leadership and unfailing good humour during his tenure of office.

Mr. Jacob and his staff continue to exercise their duties with commendable efficiency in spite of an increasing work load.

On behalf of Dr. Murphy I would like to express appreciation for the unfailing interest in this department shown by the Chairman and Members of the Health and Housing Committee.

I am,

Your obedient servant,

B. H. GOOCH

Deputy Medical Officer of Health

SECTION I

STATISTICS AND SOCIAL CONDITIONS

1.	AREA IN ACRES	22,365
2.	POPULATION	
	As estimated by the Registrar-General for mid-1970	28,860
3.	NUMBER OF DWELLINGS	13,400
4.	RATEABLE VALUE (1st April, 1970)	£1,172,104
5.	REVISED ESTIMATE PRODUCT OF 1p Rate	£11,100

SECTION II

VITAL STATISTICS

1. LIVE BIRTHS

	Males	Females	Totals
Legitimate	198 (227)	210 (232)	408 (459)
Illegitimate	23 (34)	21 (26)	44 (60)
Totals	221 (261)	231 (258)	452 (519)

The number of births registered is 67 lower than in 1969 and is the lowest figure since 1957.

2. BIRTH RATE

Crude rate per 1,000 population	15.7 (18.0)
Corrected rate	18.2 (20.9)
Rate for England & Wales	16.0 (16.3)

The corrected rate is the lowest since 1960 but is still higher than the rate for England & Wales.

3. ILLEGITIMATE LIVE BIRTHS

Illegitimate live births as percentage of all live births	9.7 (11.6)
Rate for England & Wales	8 (8)

The total of 44 illegitimate live births is lower than the previous year but the rate is higher than the average over the past ten years.

4. STILLBIRTHS

	Males	Females	Totals
Legitimate	3 (4)	1 (1)	4 (5)
Illegitimate	0 (0)	1 (1)	1 (1)
Totals	3 (4)	2 (2)	5 (6)

Rate per 1,000 live and stillbirths	11 (11)
Rate for England & Wales	13 (13)

(Figures in brackets relate to 1969)

Table I below shows the population, number of births, illegitimate births, crude birth and corrected birth rates since 1946. The corrected rates prior to 1968 are estimated. Table II gives details of stillbirths in 1970.

TABLE I

Year	Population	No. of Births	Crude Birth Rate	Corrected Birth Rate	Rate for England & Wales	Illegitimate births Number	Illegitimate births Rate % total Births
1946	25,207	560	22.2		19.1	36	6.4
1947	25,745	653	25.3		20.5	38	5.8
1948	26,581	573	21.5		17.9	37	6.5
1949	26,727	492	18.4		16.7	36	7.3
1950	28,087	458	16.3		15.8	27	5.9
1951	29,805	462	15.5	17.0	15.5	27	5.8
1952	29,211	458	15.6	17.2	15.3	24	5.2
1953	28,686	459	16.0	17.6	15.5	33	7.2
1954	28,340	463	16.3	17.9	15.2	30	6.5
1955	28,250	436	15.4	16.9	15.0	24	5.5
1956	28.110	444	15.8	17.2	15.6	28	6.3
1957	28,200	446	15.8	17.2	16.1	29	6.5
1958	28,290	478	16.9	18.4	16.4	28	5.8
1959	28,320	479	16.9	18.4	16.5	29	6.0
1960	27,390	480	17.5	17.9	17.1	30	6.2
1961	26,840	483	18.0	18.4	17.4	29	6.0
1962	27,290	528	19.3	19.9	18.0	48	9.1
1963	27,660	534	19.3	22.8	18.2	55	10.3
1964	27,620	512	18.5	21.9	18.4	44	8.6
1965	28,150	548	19.4	22.6	18.0	43	7.8
1966	28,330	518	18.3	21.2	17.7	47	9.1
1967	28,510	519	18.2	21.1	17.2	60	11.6
1968	28,630	544	19.0	22.0	16.9	40	7.3
1969	28,790	519	18.0	20.9	16.3	60	11.6
1970	28,860	452	15.7	18.2	16.0	44	9.7

TABLE II
Stillbirths

Sex	Cause of death and evidence that child was stillborn
Boy	Asphyxia Cord round neck
Boy	Cord prolapse
Boy	Unknown
Girl	Cause unknown Patient admitted as emergency, having had no antenatal care.
Girl	Anencephaly Hydramnios

5. INFANT DEATHS

	Males	Females	Totals
Legitimate	2 (6)	2 (2)	4 (8)
Illegitimate	0 (3)	1 (0)	1 (3)

Infant death rate per 1,000 live births	11.1	(21.2)
Rate for England and Wales	18.	(18.)
Number of neo-natal deaths (under 4 weeks)	5	(5)
Number of early neo-natal deaths (under 1 week)	5	(4)
Number of peri-natal deaths (still births and deaths under 1 week combined)	10	(10)

The infant mortality rate was considerably lower in 1970 than the year before, 11.1 as compared with 21.2. The rate for England and Wales was 18 and the average for the Borough taken over the past 10 years is very similar, namely 17.6.

The following table shows causes and other details of the five infant deaths.

TABLE III

Cause	Sex	Age	Place of birth	Place of death
Atelectasis Extreme Prematurity	F	6 hours	Hospital	Hospital
Haemopericardium Perforation of the heart during catheterisation			"	
Congenital heart disease (transposition of great vessels and atrial septal defect)	F	2 days	Hospital	Hospital
Prematurity - 33/52. Tracheo - oesphageal fistula Duodenal stenosis	F	2 days	Hospital	Hospital
Extreme prematurity	M	2 hours	Hospital	Hospital
Respiratory distress syndrome Prematurity.	M	1 day	Hospital	Hospital

Table IV below shows figures for each year since 1946 of infant deaths under 1 week and under 1 year and of stillbirths. Infant death rates and peri-natal rates, including those for England and Wales are also shown.

TABLE IV

Year	Number of births	Number of infant deaths under 1 year of age.	Infant death rate per 1,000 live births	Infant death rate for England and Wales	Number of infant deaths under 1 week of age	Number of still births	Peri-natal death rate	Peri-natal death rate for England and Wales
1946	560	26	46.4	43.	13	8	37.0	
1947	653	24	36.7	41.	12	11	34.6	
1948	573	14	24.4	34.	9	16	42.4)	38.2
1949	492	9	18.3	32	6	17	45.2)	
1950	458	10	21.8	30	4	7	23.7	37.4
1951	462	16	34.6	30	7	8	31.9	38.2
1952	458	12	26.2	28	5	13	38.2	37.5
1953	459	16	34.8	27.	8	10	38.3	36.9
1954	463	13	28.1	25.	9	9	38.1	38.0
1955	436	8	18.3	25.	7	6	29.4	37.4
1956	444	5	11.2	23.7	2	11	28.6	36.8
1957	446	12	26.9	23.1	10	14	52.2	36.2
1958	478	12	25.1	22.6	7	7	28.8	35.1
1959	479	10	20.9	22.2	7	11	36.7	34.2
1960	480	11	22.9	21.7	6	13	38.5	32.9
1961	483	9	18.6	21.6	3	7	26.4	32.2
1962	528	11	20.8	21.6	6	10	29.7	30.8
1963	534	14	26.2	21.1	8	14	40.1	29.3
1964	512	9	17.6	19.9	8	20	58.6	28.2
1965	548	7	12.8	19.0	3	9	21.6	26.9
1966	518	13	25.1	19.0	10	16	48.7	26.3
1967	519	8	15.4	18.3	3	10	24.6	25.4
1968	544	4	7.3	18.	3	17	35.7	25.
1969	519	11	21.2	18.	4	6	19.0	23.
1970	452	5	11.1	18.	5	5	21.9	23.

6. DEATHS

	Males	Females	Total
	238 (232)	192 (196)	430 (428)

Crude rate per 1,000 population	14.9	(14.9)
Corrected rate	14.2	(14.2)
Rate for England and Wales	11.7	(11.9)

For the third successive year deaths exceeded 400. The corrected death rate, 14.2 is again much higher than the rate for the whole country, 11.7.

The average age at death was:-

70.2 for all deaths	(69.6 in 1969)
68.1 for all males	(66.5)
72.8 for females	(73.3)

Excluding the deaths of young people under 21 years of age, the average ages at death of all adults were:-

72.0 for all adults	(71.9)
69.4 for males	(69.8)
75.1 for females	(74.3)

17 males and 41 females reached the age of 85 years and of these 5 males and 21 females were over 90. The oldest male dying was 95 and the oldest female 101.

88 % of all deaths classified in the three main groups of causes:-

18% - malignant new growths (19% in 1969)

53% - heart disease and associated conditions (52%)

17% - respiratory conditions (12%)

There were 16 deaths due to violence as compared with 8 in 1969. 2 of these were suicides as compared with 4 the year before and 6 were due to motor vehicle accidents, an increase of 4. Of the other 8 accidents, 4 were males whose deaths were due to carbon monoxide poisoning (1), drowning (2 - a man and a boy of 11 in the same accident), and electrical shock (a boy of 15).

The 4 female deaths were due to carbon monoxide poisoning (2), tetanus following laceration of the leg whilst gardening (1), and fractured skull following fall downstairs. The last named was a woman of only 29 years.

The following tables give details of the causes of death by sex and age group.

TABLE V MALE DEATHS BY CAUSE AND AGE

list No.	Cause of Death	Total, all ages	Under 4 weeks	4 wks - 1 year	1 year -	5 years -	15 years -	25 years -	35 years -	45 years -	55 years -	65 years -	75 years -
	Malignant Neoplasm:-												
19(2)	Oesophagus	1	-	-	-	-	-	-	-	-	-	1	-
19(3)	Stomach	5	-	-	-	-	-	-	-	-	1	2	2
19(4)	Intestine	7	-	-	-	-	-	-	-	2	2	1	2
19(5)	Larynx	2	-	-	-	-	-	-	-	-	-	2	-
19(6)	Lung, Bronchus	14	-	-	-	-	-	-	-	1	8	3	2
19(9)	Prostate	2	-	-	-	-	-	-	-	-	-	1	1
19(10)	Leukaemia	1	-	-	-	-	-	-	-	-	-	1	-
19(11)	Other malignant neoplasms	7	-	-	-	-	-	1	-	-	1	3	2
46(1)	Other endocrine etc. diseases	1	-	-	-	-	-	-	-	-	-	-	1
46(4)	Multiple sclerosis	1	-	-	-	-	-	-	-	-	1	-	-
46(5)	Other diseases of nervous system	3	-	-	-	-	-	-	-	-	-	2	1
26	Chronic rheumatic heart disease	2	-	-	-	-	-	-	-	-	-	1	1
27	Hypertensive disease	7	-	-	-	-	-	-	-	1	-	2	4
28	Ischaemic heart disease	73	-	-	-	-	-	-	3	4	16	30	20
29	Other forms of heart disease	11	-	-	-	-	-	-	-	-	1	1	9
30	Cerebrovascular disease	21	-	-	-	-	-	2	-	-	5	9	5
46(6)	Other circulatory diseases	5	-	-	-	-	-	-	-	-	1	2	2
31	Influenza	6	-	-	-	-	-	-	-	-	1	2	3
32	Pneumonia	14	-	-	-	-	-	-	-	1	1	3	9
33(1)	Bronchitis and Emphysema	28	-	-	-	-	-	-	-	-	3	9	16
46(7)	Other respiratory diseases	4	-	-	-	-	-	-	-	-	1	2	1
34	Peptic ulcer	2	-	-	-	-	-	-	-	-	1	1	-
35	Appendicitis	1	-	-	-	-	-	-	-	-	-	1	-
46(8)	Other digestive diseases	5	-	-	-	-	-	-	-	-	-	2	3
46(9)	Other genito-urinary diseases	2	-	-	-	-	-	-	-	1	-	1	-
42	Congenital anomalies	1	-	-	1	-	-	-	-	-	-	-	-
43	Birth injury, difficult labour	1	1	-	-	-	-	-	-	-	-	-	-
44	Other causes of perinatal mortality	1	1	-	-	-	-	-	-	-	-	-	-
47	Motor vehicle accidents	4	-	-	-	-	-	1	-	1	1	1	-
48	All other accidents	4	-	-	-	1	1	1	-	-	-	-	1
49	Suicide & self-inflicted injuries	2	-	-	-	-	-	-	-	1	1	-	-
	Total	238	2	-	1	1	1	5	3	12	45	83	85

TABLE VI FEMALE DEATHS BY CAUSE AND AGE

B list No.	Cause of Death	Total - all ages	Under 4 weeks	4 wks - 1 year	1 year -	5 years -	15 years -	25 years -	35 years -	45 years -	55 years -	65 years -	75 years -
	Malignant Neoplasm -												
19(3)	Stomach	3	-	-	-	-	-	-	-	-	1	1	1
19(4)	Intestine	10	-	-	-	-	-	-	-	-	2	3	5
19(6)	Lung, Bronchus	8	-	-	-	-	-	-	-	-	2	6	-
19(7)	Breast	5	-	-	-	-	-	-	1	1	1	-	2
19(8)	Uterus	2	-	-	-	-	-	-	-	1	-	-	1
19(10)	Leukaemia	1	-	-	-	-	-	-	-	-	-	-	1
19(11)	Other malignant neoplasms	10	-	-	1	-	-	-	-	4	2	-	3
20	Benign and unspecified neoplasms	2	-	-	-	-	-	1	-	-	1	-	-
21	Diabetes mellitus	2	-	-	-	-	-	-	-	-	-	-	2
46(2)	Other diseases of blood etc.	1	-	-	1	-	-	-	-	-	-	-	-
27	Hypertensive disease	11	-	-	-	-	-	-	-	-	1	4	6
28	Ischaemic heart disease	48	-	-	-	-	-	-	-	-	7	12	29
29	Other forms of heart disease	17	-	-	-	-	-	1	-	-	-	1	15
30	Cerebrovascular disease	27	-	-	-	-	-	-	-	-	1	11	15
46(6)	Other cirulatory diseases	5	-	-	-	-	-	-	-	-	1	-	4
31	Influenza	4	-	-	-	-	-	-	-	-	1	-	3
32	Pneumonia	9	-	-	-	-	-	-	-	-	-	1	8
33(1)	Bronchitis and Emphysema	6	-	-	-	-	-	-	-	-	1	1	4
46(7)	Other respiratory diseases	2	-	-	-	1	-	-	-	-	-	1	-
34	Peptic ulcer	3	-	-	-	-	-	-	-	-	1	1	1
37	Cirrhosis of liver	1	-	-	-	-	-	-	-	-	1	-	-
46(8)	Other digestive diseases	2	1	-	-	-	-	-	-	-	-	-	1
46(9)	Other genito-urinary diseases	4	-	-	-	-	-	-	-	-	-	2	2
46(11)	Musculo-skeletal diseases	1	-	-	-	-	-	-	-	-	-	-	1
42	Congenital anomalies	1	1	-	-	-	-	-	-	-	-	-	-
43	Birth injury, difficult labour	1	1	-	-	-	-	-	-	-	-	-	-
47	Motor vehicle accidents	2	-	-	-	-	-	-	-	1	-	1	-
48	All other accidents	4	-	-	-	-	-	1	-	-	-	3	-
	Totals	192	3	-	2	1	-	3	1	7	23	48	104

Table VII shows figures covering the past 24 years of population, deaths, crude death rate and corrected death rate for comparison with the rate for England and Wales. Corrected rates are estimated for the years prior to 1968 when the Isle of Sheppey comprised three local authorities.

TABLE VII

Year	Population	Number of deaths	Crude death rate	Corrected death rate	Rate for England & Wales
1946	25,207	310	12.3		11.5
1947	25,745	343	13.3		12.0
1948	26,581	305	11.4		10.8
1949	26,727	314	11.7		11.7
1950	28,087	329	11.7		11.6
1951	29,805	326	10.9	10.7	12.5
1952	29,211	284	9.7	9.5	11.3
1953	28,686	310	10.8	10.4	11.4
1954	28,340	321	11.3	10.8	11.3
1955	28,250	301	10.6	10.2	11.7
1956	23,110	349	12.4	12.9	11.7
1957	23,200	334	11.8	12.3	11.5
1958	28,290	339	12.0	12.5	11.7
1959	28,320	349	12.3	12.3	11.6
1960	27,390	356	13.0	12.5	11.5
1961	26,840	360	13.4	13.0	12.0
1962	27,290	346	12.6	11.9	11.9
1963	27,660	390	14.1	13.1	12.2
1964	27,620	326	11.8	11.0	11.3
1965	28,150	347	12.3	11.8	11.5
1966	28,330	374	13.2	12.7	11.7
1967	28,510	369	12.9	12.5	11.2
1968	28,630	420	14.7	13.9	11.9
1969	28,790	428	14.9	14.2	11.9
1970	28,860	430	14.9	14.2	11.7

MALIGNANT NEOPLASMS OF THE LUNG AND BRONCHUS

The following table shows the deaths from the above during the past nineteen years with age and sex distribution.

TABLE VIII

Year	30 - 40		40 - 50		50 - 60		60 - 70		70 - 80		Over 80		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1952	1	-	2	-	3	-	2	-	2	1	-	-	10	1
1953	-	-	1	1	5	-	4	1	2	-	1	-	13	2
1954	-	-	1	-	1	-	8	2	2	-	-	-	12	2
1955	-	-	1	-	4	-	8	1	7	-	-	-	20	1
1956	-	-	-	-	4	1	3	2	5	-	-	-	12	3
1957	-	-	2	-	1	-	6	1	2	1	-	-	11	2
1958	-	-	-	-	2	1	2	-	3	-	-	-	7	1
1959	-	-	1	-	4	-	7	1	7	-	-	-	19	1
1960	-	-	3	-	5	1	4	-	7	1	2	-	21	2
1961	-	-	1	-	2	-	7	-	5	1	2	-	17	1
1962	-	-	-	1	2	1	6	-	6	1	-	-	14	3
1963	-	-	-	-	5	2	6	-	4	1	-	-	15	3
1964	1	-	-	-	5	1	8	1	3	-	2	-	19	2
1965	-	-	1	-	5	1	6	2	4	1	-	1	16	5
1966	-	-	1	-	3	-	6	2	5	1	3	-	18	3
1967	-	-	3	-	4	-	9	1	7	-	1	-	24	1
1968	-	-	1	-	5	-	3	1	11	2	-	1	20	4
1969	-	-	1	-	5	3	9	1	6	-	1	-	22	4
1970	-	-	-	-	2	-	9	7	3	1	-	-	14	8

SECTION III

INFECTIOUS AND OTHER DISEASES

THIER PREVALENCE AND CONTROL

1. The majority of the 113 notifications of infectious disease were of measles even though there was no big outbreak. The 74 cases occurred mainly during July and August.

The 13 cases of Scarlet Fever were mainly isolated cases spread over the whole year but the majority of the 21 Whooping Cough occurred inthe last two months and as is common with this disease usually affected more than one child in the family.

The acute meningitis occurred in a child of 15 months. The causal organism was not discovered but the child recovered after treatment at All Saints and Sheppey General Hospitals.

Two cases of Tetanus occurred during 1970, the first being a boy of 10 who cut his knee whilst playing football. Although immunised as a child and receiving a booster injection of tetanus toxoid the day after the injury, he developed the disease and was removed to Medway Hospital, Gillingham and subsequently to London Hospital, Whitechapel. This boy recovered.

A second case occurred in October when a woman of 66 years cut her knee by a fall in her garden. She received tetanus antitoxin on the same day but in spite of removal to an intensive care unit at the London Hospital she died within a week.

2. Table IX shows the number of infectious diseases notified during the year as compared with those notified during 1969, removals to hospital and number of deaths. Table X gives details of infectious disease by age groups.

TABLE IX

Disease	Total	(1969)	Males	Females	Removed to Hospital	Deaths	(1969)
Scarlet Fever	13	(17)	8	5	-	-	(-)
Whooping Cough	21	(1)	8	13	-	-	(-)
Measles	74	(373)	41	33	-	-	(-)
Acute Meningitis	1	(-)	-	1	1	-	(-)
Tetanus	2	(-)	1	1	2	1*	(-)
Food Poisoning	-	(1)	-	-	-	-	(-)
Infective Jaundice	-	(1)	-	-	-	-	(-)
Tuberculosis - Pulmonary	2	(6)	1	1	2	-	(3)
Totals	113	(399)	59	54	5	1	(3)

TABLE X

Disease	Total	Age Groups										
		Under 1	1-	2-	3-	4-	5-	10-	15-	25-	45-	65-
Scarlet Fever	13	-	-	-	-	2	8	1	2	-	-	-
Whooping Cough	21	-	-	5	2	4	10	-	-	-	-	-
Measles	74	4	9	12	9	11	25	3	-	-	1	-
Acute Meningitis	1	-	1	-	-	-	-	-	-	-	-	-
Tetanus	2	-	-	-	-	-	-	1	-	-	-	1
Pul. Tuberculosis	2	-	-	-	-	-	-	-	1	-	1	-
Totals	113	4	10	17	11	17	43	5	3	0	2	1

* assigned to '48-all other accidents' in Death Table VI

3. Table XI shows the incidence of infectious disease notified during the past 24 years.

TABLE XI

Year	Scarlet fever	Whooping Cough	Measles	Diphtheria	Meningococcal infection	Encephalitis infective	Encephalitis post infectious	Dysentery	Typhoid	Paratyphoid	Food poisoning	Malaria	Poliomyelitis para	Poliomyelitis non-para	Tuberculosis Pulmonary	Tuberculosis non-pulmonary
1946	21	28	62	2	-	-	-	1	-	-	-	-	2	-	25	1
1947	20	169	486	11	1	-	-	2	-	-	-	1	2	-	28	4
1948	25	106	84	2	-	-	-	1	-	-	-	4	1	2	23	2
1949	55	51	899	-	-	-	-	1	-	-	-	-	1	-	30	2
1950	69	238	20	-	-	-	-	2	-	-	-	1	-	2	19	8
1951	23	149	713	-	2	-	1	9	-	-	2	1	1	-	15	2
1952	21	37	123	-	-	-	-	-	-	-	-	-	2	1	28	9
1953	16	62	159	-	-	-	-	1	-	-	-	-	1	-	26	1
1954	12	273	11	-	2	-	-	1	1	-	14	-	-	-	18	2
1955	23	9	1325	-	-	-	-	-	-	-	-	-	7	5	27	-
1956	62	329	127	-	-	1	-	-	1	-	1	-	-	-	19	-
1957	17	77	210	-	-	-	-	1	-	-	41	-	1	2	24	-
1958	20	68	548	-	-	-	-	1	-	-	1	-	-	-	14	1
1959	47	89	106	-	-	-	-	-	1	-	31	-	1	-	14	1
1960	61	38	22	-	-	-	-	9	-	-	19	-	-	-	19	-
1961	15	52	1243	-	-	-	-	2	-	-	13	-	-	-	6	-
1962	13	3	18	-	-	-	-	31	1	-	-	-	-	-	6	2
1963	62	11	468	-	-	-	-	1	-	-	5	-	-	-	8	3
1964	20	45	240	-	-	-	-	-	-	-	2	-	-	-	8	2
1965	9	21	683	-	1	-	-	-	-	1	-	-	-	1	3	1
1966	17	18	249	-	-	-	-	-	-	-	4	-	-	-	7	1
1967	16	14	705	-	1	-	-	-	-	-	-	-	-	-	7	2
1968	13	16	76	-	1	1	-	1	-	-	1	-	-	-	4	3
1969	17	1	373	-	-	-	-	-	-	-	1	-	-	-	6	-
1970	13	21	74	-	1	-	-	-	-	-	-	-	-	-	2	-

4. TUBERCULOSIS

Only 2 notifications of tuberculosis were received. Both were pulmonary, one a male of 17 years and the other a female of 49 years. The following is a summary of the tuberculosis register.

TABLE XII

	Pulmonary		Non-Pulmonary		Total
	M	F	M	F	
Number of cases on register 1st January, 1970.	105	68	14	10	197
New notifications	1	1	-	-	2
Cases not notified before death	-	-	-	-	-
Transfers from other districts	-	-	-	-	-
Cases recovered	-	-	-	-	-
Deaths of cases on register (but not due to tuberculosis)	2	1	-	-	3
Transfers to other districts	1	-	-	-	1
Number of cases remaining on the register, 31st December, 1970	103	68	14	10	195

I am indebted to Dr. B. Roberts, the Acting Consultant Chest Physician, for the following figures relating to Sheppey Chest Clinic of cases of tuberculosis, including those formally notified and those under observation because of the possibility of tuberculosis:-

Number of attendances made by new patients:-

Men	69
Women	36
Children ..	3

Number of attendances made by old patients:-

Men	251
Women	133
Children ..	11

Number of attendances made by contacts:- 121

5. MASS RADIOGRAPHY SURVEY

The Mass Radiography service now visits Sheerness twice monthly and I am indebted to Dr. G. I. Rees-Jones, Medical Director of the Service, for the following details of films taken during the year.

TABLE XIII

	Males	Females	Total	Tuberculosis Active M	Tuberculosis Active F	Tuberculosis Inactive M	Tuberculosis Inactive F	Cancer of Lung M	Cancer of Lung F
General Public	241	391	632	-	-	2	4	1	-
Industry:									
Canning Town Glass	166	57	223	-	-	1	-	-	-
Abbott Laboratories	153	166	319	-	-	1	-	-	-
Alfred Johnson	144	47	191	-	-	2	-	1	-
Sheppy Glue	34	13	47	-	-	-	-	-	-
Pilkington Bros.	146	42	188	-	-	1	-	-	-
New Road Factories	195	198	393	-	-	-	2	-	-
Harbour Estate	328	73	401	-	-	1	-	-	-
H.M. Prison:									
1st Visit	287	1	288	-	-	1	-	-	-
2nd Visit	318	9	327	-	-	2	-	-	-
	2,012	997	3,009	-	-	11	6	2	-

6. IMMUNISATION AND VACCINATION

I am indebted to the County Medical Officer for supplying me with the figures of immunisation and vaccination carried out during 1970 contained in the following table.

TABLE XIV

Year of Birth	Diphtheria Whooping Co. Tetanus		Diphtheria Tetanus		Smallpox		Tetanus		Measles	Poliomyelitis		Rubella
	Primary	Reinforcing	Primary	Reinforcing	Primary	Reinforcing	Primary	Reinforcing	Primary	Primary	Reinforcing	Primary
1970	4	-	-	-	-	-	-	-	-	2	-	-
1969	266	31	2	4	208	-	-	-	62	396	-	-
1968	79	49	1	41		-	-	1	46	132	-	-
1967	5	25	-	22	-	-	1	2	20	21	-	-
1966	1	4	-	8	-	-	1	1	15	2	5	-
1965	1	65	-	122	-	-	-	2	8	-	202	-
'63-1964	1	23	-	43	-	-	2	-	7	-	70	-
'54-1962	-	2	1	21	-	6	21	47	4	-	28	3
Total	357	199	4	261	208	6	25	53	162	553	305	3

From these figures it is estimated that there is still an immunity level of nearly 80% for Diphtheria, Whooping Cough and Tetanus, that it is above 80% for Poliomyelitis and just below 50% for Smallpox. The increase in the immunity level against Measles is slow and it has risen to about 16%. Vaccination against Rubella was introduced towards the end of the year for girls between 11th and 14th birthdays, priority being given to girls aged 13 years during the first phase.

7. VENEREAL DISEASE

I am indebted to Dr. C. D. Routh, Director of the Special Clinics held by the Medway and Gravesend Hospital Management Committee for the following figures relating to new patients attending the Clinics from the Isle of Sheppey during 1970

New Patients:-

	Males	Females	Total
Syphilis	2 (2)	1 (-)	3 (2)
Gonorrhoea	26 (19)	9 (10)	35 (29)
Other conditions	61 (45)	21 (15)	82 (60)

(Figures in brackets relate to 1969)

SECTION IV

GENERAL PROVISION OF HEALTH SERVICES & SANITARY CIRCUMSTANCES OF THE AREA

1. WATER SUPPLY

I am indebted to Mr. A. E. Round, Manager of the Medway Water Board, for the following figures showing the fluoride content and the quantities abstracted from the sources of supply on the Island and the bulk supply received from Belmont on the Mainland.

Source	Abstraction m.g.	Fluoride (asF) mg/litre
Abbey Gate, Minster.	17.453	0.53
Rushenden, Queenborough.	13.102	Nil
Sheerness East	76.644	0.30
Trinity Road, Sheerness.	60.038	0.40
Wallend, Minster.	43.186	Nil
Water Lane, Eastchurch.	16.609	1.12
Belmont bulk supply.	443.290	Nil

The whole of the district is supplied by public water mains by the Medway Water Board except for the Sheerness Harbour Estate which is supplied with water piped from its own bores, and 15 houses and 70 chalets in the Leysdown, Harty and Eastchurch areas which are supplied by private or communal wells.

223 samples of raw water were taken by the Medway Water Board and all of these were satisfactory.

271 samples of treated water were taken by the Board and 53 by the Health Department and all were found to be satisfactory.

2. DRAINAGE AND SEWERAGE

Work for additions to the sewerage system and improvements to the sewage disposal works at Scrapsgate were carried out and for improved pumping of sewage from the Queenborough Road and Wards Hill pumping stations.

The preparation of the second phase of the Eastern scheme was completed and further progress made on the West (South Marshes) Scheme.

3. DISPOSAL OF REFUSE

All refuse is disposed of by controlled tipping at the Windmill Creek Site which is ideally situated far from populated areas. Routine control measures are taken against flies and rodents.

4. SCHOOL SANITATION

The Sheppey School providing comprehensive education for all pupils over 13 years of age opened in the newly constructed premises off the Minster Road in September, 1970.

5. PUBLIC CONVENIENCES

Conveniences are situated in Rushenden Road and near the Harbour, Queenborough; opposite the Railway Station, adjoining the Pavilion Gardens, in Marine Parade, Royal Road, Wood Street and Blue Town in Sheerness; and at Halfway, Scrapsgate, Minster, Eastchurch, and at the Spinney and the Promenade in Leysdown.

6. CAMPING SITES

There are 56 developed sites, 13 of these are chalet camps and 43 caravan or mixed sites. Camps are connected to main drainage where this is available but 14 camps are without main drainage and of these 13 have cesspools and 1 chemical closets.

All camps have a weekly refuse collection and the majority are availing themselves of the paper sack system.

7. SWIMMING POOLS

There are five swimming pools in the district. Four of them are in holiday camps and the pool at Warden Bay Holiday Camp is open to the public. At all four the water is filtered, aerated and chlorinated.

The fifth is the Council owned Aquarena in Sheerness which actually comprises two adjoining pools, one 110ft. x 73 ft. for adults and the other 35ft x 73 ft. for children. Sea water is used with filtration, aeration and chlorination and a circulation of 60,000 gallons per hour.

There is also a children's paddling pool on the sea front at Sheerness. It is filled with chlorinated mains water and changed at frequent intervals.

Six samples taken for bacteriological examination were satisfactory and chlorination of the pools is tested regularly. The Council decided to make byelaws for the control of swimming pools.

8. DISINFECTIONS AND DISINFESTATIONS

The following are details of disinfections and disinfestations carried out during the year.

Fleas	41
Bugs	4
Cockroaches	39
Ants	19
Wasps	112
Flies	4
Beetles	17
Lice	2
Disinfections	15
Miscellaneous	10

9. MOSQUITO CONTROL

As in previous years watercourses near houses were intermittently treated with a larvicide to control breeding places.

10. RODENT CONTROL

Surface infestations:-

Total number of properties inspected ..	898
Treatments for rats	337
Treatments for mice	88

Sewers:-

Baiting of parts of the sewerage system showing infestation on previous treatments has been carried out.

11. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The following is an analysis of premises registered under this Act:-

Class of Premises	Number of registered premises	Number of persons employed
Offices	87	491
Retail Shops	210	370
Wholesale Shops, warehouses ..	10	83
Catering establishments open to the public, canteens ..	56	283
Fuel storage depots ,. ..	4	13
Totals ..	367	1,740
	Males	689
	Females	1,051

104 inspections were made during the year. No accidents were reported.

12. SHOPS ACT

The Public Health Department is responsible for the administration of this Act.

13. RIDING ESTABLISHMENTS ACT, 1964

There are four Riding Establishments licensed by the Council.

14. ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

There are two kennels licensed by the Counil.

15. PET ANIMALS ACT, 1951

There are two licensed Pet Shops in the district.

16. THE DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957

There are three waste food boiling plants in the district.

17. CLEAN AIR ACTS

No smoke control areas have been made under the Acts.

The preference for oil, gas and electricity in place of solid fuel continues to gain favour in industrial and domestic uses.

Notice of intention to erect the Steel Mill at Terminus Road, Sheerness was received during the year. Details of the project were awaited, but it was known that the production of steel bar from scrap metal would be by electric arc furnace, with a reheat furnace and rolling mill.

The melting of iron or steel in an electric arc furnace is a process which is registrable with the Department of the Environment under the Alkali etc. Works Regulations Act. The provisions of the Clean Air Acts will apply to the reheat furnace.

18. NOISE ABATEMENT ACT, 1960

A number of complaints on noise, mostly from domestic premises arising from lack of consideration for neighbours, have been dealt with.

19. HOME SAFETY

The Council's Health Committee carry on these functions through the Health Department and talks to organisations have been given.

20. NATIONAL ASSISTANCE ACTS

There was one occasion when it was necessary to use the provisions of these Acts for the removal of a person living in insanitary conditions and needing care and attention.

As in former years, liaison with the County Welfare Services and voluntary organisations was maintained to assist persons in their homes and to prevent circumstances arising which might necessitate compulsory removal.

21. MORTUARY

A nominal fee is paid annually to the Medway and Gravesend Hospital Management Committee for the use of mortuary facilities at the Sheppey General Hospital.

22. PUBLIC HEALTH LABORATORY SERVICE

Facilities for bacteriological examinations are provided by the Public Health Laboratory at Maidstone and the following specimens were examined during the year:-

Water	53
Swimming pool water ..	6
Milk	17
Faeces	92

23. SCHOOL HEALTH SERVICE

I am indebted to the Principal School Medical Officer for the following figures relating to the medical inspection of school children in the area of the North East Kent Divisional Executive which comprises the Boroughs of Queenborough-in-Sheppey and Faversham, Sittingbourne and Milton Urban District and Swale Rural District.

(a)	Routine Medical Inspections:-		
	Number of pupils inspected	2,267	(2,230)
	Physical condition satisfactory	2,267	(2,185)
	Physical condition unsatisfactory ..	0	(45)
	In addition 1,956 children received tests of vision and hearing only.		
(b)	Number of Special Inspections	52	(341)
	Number of Re-inspections	757	(796)
(c)	Number found to require treatment ..	962	(761)
(d)	Infestation with vermin:-		
(i)	Total number of examinations of pupils in schools by the schoold nurse or other authorised person.	10,835	(10,622)
(ii)	Total number of individual pupils found to be infested	59	(94)
(iii)	Number of individual pupils in respect of whom cleansing notices were issued (Sec. 52 (2), Education Act, 1944) ..	11	(18)
(e)	Treatment of Pupils		
	(i)Minor Ailments (excluding Uncleanliness)		
	Skin disease	-	(-)
	Minor eye defects	-	(1)
	Minor ear defects	13	(3)
	Miscellaneous (minor injuries)	7	(5)

(figures in brackets relate to 1969)

(e)	(ii) Defective vision and squint (excluding eye diseases treated as minor ailments)		
	Errors of refraction (including squint)	757	(861)
	Other defects or diseases of the eyes (excluding those recorded in (i)) ..	1	(1)
	Number of pupils for whom spectacles were prescribed	322	(363)
(f)	Dental Inspection and Treatment		
	Number of pupils inspected by the Authority's Dental Officers	2,942	(3,361)
	Number found to require treatment	1,810	(2,215)
	Number offered treatment	1,808	(2,212)
	Number actually treated	1,396	(2,165)
	Number of attendances made by pupils for treatment	5,299	(7,668)
	Half days devoted to:-		
	(a) Periodic (School) Inspections	10	(9)
	(b) Treatment	881	(1,207)
	Fillings:-		
	(a) Permanent Teeth	2,206	(2,840)
	(b) Temporary Teeth	579	(1,326)
	Number of teeth filled:-		
	(a) Permanent teeth	2,157	(2,672)
	(b) Temporary teeth	562	(1,271)
	Extractions:-		
	(a) Permanent teeth	316	(422)
	(b) Temporary teeth	912	(1,099)
	Administration of general anaesthetics for extraction	680	(800)
	Other operations:-		
	Permanent and Temporary teeth	1,091	(1,601)

SECTION V

HOUSING

1. SLUM CLEARANCE

The Queenborough-in-Sheppey (Chapel Street, Blue Town) Clearance Order 1970 was made and comprised 3 houses, dwelling-house and shop and bakery No. 5 Chapel Street and dwelling houses Nos. 7 and 9 Chapel Street, Blue Town, Sheerness.

Two other Clearance Areas were included in the Queenborough-in-Sheppey (Clyde Street) Compulsory Purchase Order, 1970 and the Queenborough-in-Sheppey (Broad Street) Compulsory Puchase Order, 1970. The Clyde Street Area consisted of:-

Dwelling-houses Nos. 69,71,73,75,77,79,81,83,85,87 and 89 Clyde Street, 22 and 24 Richmond Street and dwelling-house and shop No. 24 Richmond Street.

The Broad Street Area consisted of:-

Dwelling-houses Nos. 43,45,47,49,51,53, and 55 Broad Street and Nos. 121 and 123 Rose Street, Sheerness.

These three orders awaited Inquiries and confirmation at the end of the year.

No demolition or closing Orders were made but a representation was made in respect of No. 467 Leysdown Road and a demolition order was made on this house early in 1971.

The following are details of houses demolished during 1970:-

In Clearance Areas:-

Nos. 1,2,3, and 4 Alma Street Passage, Sheerness.
Nos. 133, 135, 137 and 139 High Street, Queenborough.

Demolition Orders:-

No. 416A Minster Road, Minster.

Other demolitions (Council owned):-

No. 138 High Street, Queenborough.

2. HOUSING IMPROVEMENT

41 standard grants were approved totalling £9,566 approximately and 20 discretionary grants totalling £7,113 approximately.

3. Action taken by the Health Department in respect of housing is summarised below:-

Clearance Areas

Number of unfit houses demolished	6
Number of houses demolished which were included by reason of bad arrangement	-
Number of houses demolished on land acquired under Section 43 (2) Housing Act, 1957 ..	2
Number of families displaced from Clearance Areas	6
Number of persons displaced	14

Houses not in Clearance Areas

Number of demolition Orders made under Section 17 Housing Act, 1957	-
Number of houses demolished as a result of formal or informal procedure under Section 17 Housing Act, 1957	2
Closed under Section 17 of Housing Act, 1957 ..	-
Total number of families displaced	-
Total number of persons displaced	-

Repairs in the period

Houses in which defects were remedied after informal action	39
Formal action under Public Health Acts	6

Housing Act, 1969

Number of applications for qualification certificates under Section 44	32

SECTION VI

INSPECTION AND SUPERVISION OF FOOD

1. 17 food complaints were received and where necessary passed to the County Council's Food & Drugs Department. Details of the complaints are given below:

Pasteurised milk - dirty bottle
Sterilised milk - suspected not sterilised.
Pasteurised milk - deposit in bottle, smell
Evaporated milk - suspected taint
Meat - tinned corned beef with cereal - discolouration
Pork pie - mould growth (2)
Tinned shrimps - tin normal, contents out of condition
Bread - wrapped cut loaf - mould between two slices dark patches with cotton fabric.
Bread - suspected mouse dropping in bread
Lard - foreign matter embedded in lard
Lager - mould growth bottom of bottle
Tinned peaches and pears - metallic taste - can good condition.
Meat - tinned chopped ham with pork - discolouration.
Fried egg - extraneous matter adhering
Ginger cake - strands of hair like material
Beef patty and chips - cooked insect in patty and chips

2. MILK SUPPLY

17 samples were taken of pasteurised milk and all passed the prescribed tests.

3. ICE CREAM

There are two local producers making a "Cold Mix" ice cream. 123 premises are registered for the sale of ice cream.

4. INSPECTION OF MEAT AND OTHER FOODS

(a) There are no slaughtering premises in the Borough. Supplies of home imported meat are obtained from Chatham and Canterbury. Hygienic conditions of transport and handling, together with efficiency of abattoir meat inspection, results in very little meat having to be condemned.

(b) Disposal of unsound food continued as in previous years, meat after colouring with liquid acid green is collected by the Sheppy Glue and Chemical Works, defrosted foods and wet fish are used for animal feeding and other foods are buried on the refuse tip.

(c) Approximately 39 cwt. of food was found unfit and voluntarily surrendered nearly double the amount in 1969. Severe damage to tinned foods again formed the greater part of the food.

5. FOOD PREMISES

(a) The following list shows the number of food premises in the area grouped in categories of trade carried on in them.

Hotels, public houses	56
Licensed clubs..	37
Cafes, restaurants	56
Fish, wet	4
Fish, fried	6
Fish, wet and fried	10
Butchers	24
Bakeries	3
Wholesalers	1
Grocers	51
General	69
Greengrocers	23
Confectionery	38

All of the 378 premises comply with Regulation 16 of the Food Hygiene (General) Regulations, 1960 and all of the 243 premises in the first 10 categories also comply with Regulation 19.

(b) The following premises are registered under Section 16 of the Food and Drugs Act, 1955 or the Milk and Dairies (General) Regulations, 1959.

Ice cream manufacture, storage and sale..	123
Preserved foods manufacture	21
Dairies	2
Milk distributors	103

6. FISH FRYING

There are 16 fish frying premises in the area and these are conducted satisfactorily.

7. SHELLFISH

There were no known cases of illness through eating cockles.

The Council displayed notices advising on the dangers of eating shellfish and precautions to be taken. The Port of London Health Authority also have notices drawing attention to their Order controlling the taking of shell fish.

8. BAKEHOUSES

The three bakeries in the district were operated satisfactorily. Two of them are principally concerned in preparation of pies and pastries, the third is a bread and confectionery bakery.

9. FOOD & DRUGS ACT, 1955

I am indebted to Mr. J. Stokoe, Chief Inspection of the Food & Drugs Department of the Kent County Council for the following details of samples taken in the area during the year:-

Milk	25
Butter, margarine, lard, cooking fats, cheese (including processed cheese)	5
Tinned meats, meat, fish and meat pastes, fish	7
Sugar, sugar confectionery, flour confectionery, chocolate products, cereals	12
Tea, coffee, cocoa, beverages, minerals, cordials	4
Jams, preserves, honey, jellies	3
Dried fruit, raw fruit, vegetables, tinned fruit and vegetables	3
Drugs, medicines	8
Beer, wines, spirits	12
Miscellaneous	2
Total	81

The following are details of three unsatisfacoty samples:-

Sterilised milk	79% extraneous water. Isolated damaged bottle. Manufacturers cautioned and purchaser recompensed.
Americal lard	Contained a piece of chewing gum. Proceedings. Case dismissed without costs.
Lager	Contained mould. Manufacturer cautioned.

SECTION VII

FACTORIES ACT, 1961

Prescribed Particulars on the Administration of the Factories Act, 1961 in respect of the year 1970 for the Borough of Queenborough-in-Sheppey

PART I OF THE ACT:-

1. Inspections for purposes of provisions as to health

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
Factories in which Secs. 1,2,3,4,6, are to be enforced by Local Authorities (no mechanical power)	-	-	-	-
Factories not included above in which Sec. 7 is enforced by the Local Authority (mechanical power)	117	29	2	-
Other premises in which Sec. 7 is enforced by the Local Authority (excluding outworkers' premises)	9	4	-	-
Totals	126	33	2	-

2. Cases in which defects were found

	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To By H.M. Inspector		
Want of cleanliness (S.1) ..	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)	-	-	-	-	-
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective	1	2	-	1	-
(c) not separate for sexes	-	-	-	-	-
Other offences	-	-	-	-	-
Totals	1	2	-	1	-

3. Part VIII of the Act - Outwork

Nature of work	Section 133			Section 134		
	No. of out-workers in August list required by Section 133 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecution
Making of wearing apparel	54	-	-	-	-	-
File making	19	-	-	-	-	-